




PHOTOSENSITIVE ACID GENERATING COMPOSITION AND SENSITIZER THEREFOR

Patent number: JP3200257
Publication date: 1991-09-02
Inventor: ALLEN ROBERT D; HINSBERG III WILLIAM D;
 SIMPSON LOGAN L; TWIEG ROBERT J; WALLRAFF
 GREGORY M; WILLSON CARLTON G
Applicant: INTERNATL BUSINESS MACH CORP <IBM>
Classification:
 - international: G03F7/031; C08F8/00; C08G59/18; C08G59/68;
 G03C1/675; H01L21/027
 - european:
Application number: JP19900318171 19901126
Priority number(s):

Also published as:

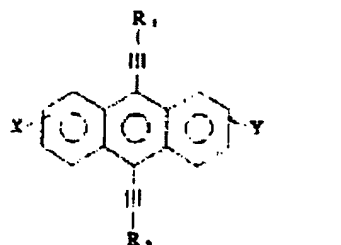
 EP0435531 (A2)
 US5055439 (A1)
 EP0435531 (A3)

[Report a data error here](#)

Abstract of JP3200257

PURPOSE: To directly form an image with visible light or laser light by using a specified sensitizer and an initiator generating an acid when exposed with radiation in the presence of the sensitizer.

CONSTITUTION: This photosensitive acid generating compsn. consists of an arom. iodonium salt as an initiator and a sensitizer represented by formula I, wherein each of R₁, R₂, X and Y is a nonbasic substituent selected from among alkyl, alkoxy, trialkylsilyl and about 4-20C optionally substd. arom. groups. This sensitizer-photoinitiator system consists preferably of the arom. iodonium salt and 1,8-dimethoxy-9,10-bis(phenylethynyl)anthracene as a sensitizer. An image can directly be formed with visible light or laser light.



Data supplied from the esp@cenet database - Patent Abstracts of Japan